

10/519895

DT05 Rec'd PTO 28 DEC 2004.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	Katsumi Okayama et al
		Art Unit	
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	075834.00429	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code* (if known)			
EPN	1	US- 5902690	05/05/1999	Motorola Inc. Tracy et al	
EPN	2	US- 2002/0050632	05/02/2002	Mark Tuttle	
	3	US-			
	4	US-			
	5	US-			
	6	US-			
	7	US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†*
		Country Code* Number* Kind Code* (if known)				
EPN	1	JP2002-158486	05/31/2002	Research Instit		
EPN	2	JP11-176149	07/02/1999	Victor Company		
EPN	3	JP2003-249630	09/05/2003	Toshiba Corp.		
EPN	4	JP2003-115578	04/18/2003	Canon Inc		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/519,895
Filing Date	December 28, 2004
First Named Inventor	Katsumi Okayama et al.
Group Art Unit	2824
Examiner Name	Eric J. Wendler
Attorney Docket Number	075834.00429

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/EJW/	US1	WO 02/05286		Duijvestijn, Adrianus J	5/16/2001	11002
	US2					
	US3					
	US4					
	US5					
	US6					
	US7					
	US8					
	US9					
	US10					
	US11					
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		Office ²	Number ²	Kind Code ³ (if known)				
/EJW/	F1	JP	11-238377		Motorola Inc.	08/31/1999		
/EJW/	F2	JP	2002-158446		Sony Chem Corp.	05/31/2002		
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